



Owner's Manual and Installation Instructions

- I SoundSpot™
 - I SoundStand™ ST-90, ST-95
 - I SoundCenter™ C-5
 - I SoundSub™ IS-9A, RS-91A, RS-10A
 - I SoundSub™ RS 91-P
-

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Thank you for choosing Morel loudspeakers

Your speakers have been handcrafted by Morel from the highest-quality materials and components. Utmost attention and care have been devoted to every detail of the design and construction, to ensure your long-lasting enjoyment of the product.



The more you play, the better the sound

The sound quality of all speakers improves after at least 48 hours of playing time.

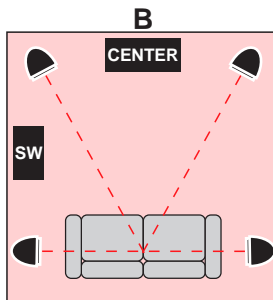
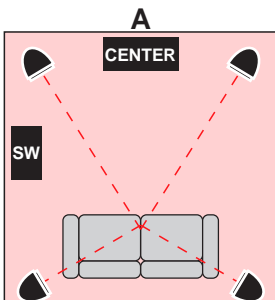
This is needed as a breaking-in and period for the moving parts of a new speaker.



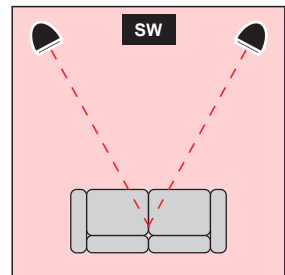
The usage of quality cables and connectors can improve performance. A good speaker cable connection requires ample surface-area and contact-area pressure. We recommend that you **consult your dealer** for the most suitable cables to match your system and budget.

Speakers Placement

Home Theater



Stereo



The SoundSpot™ Home Theater Range

APPLAUSE Five SoundSpot™ SA-2, SoundSub™ IS-9A

SUPRA Four SoundSpot™ SA-2,
SoundCenter™ C-5, SoundSub™ IS-9A

VITRA Two SoundSpot™ SA-2 front, Two SoundSpot™ SI-2 rear,
SoundCenter™ C-5, SoundSub™ IS-9A

SPIRO Four SoundSpot™ SI-2,
SoundCenter™ C-5, SoundSub™ IS-9A

EVIT Two SoundSpot™ BI-2 front, Two SoundSpot™ BI-1 rear,
SoundCenter™ C-5, SoundSub™ RS91-A (RS-10A)

STREAM Five SoundSpot™ SI-2,
SoundSub™ RS-91A (RS-10A)

METRO Three SoundSpot™ SI-2 front & center, Two SoundSpot™ LI-1 rear,
SoundSub™ RS-91A (RS-10A)

COMPA Two SoundSpot™ SA-2 front, Two SoundSpot™ LI-1 rear,
SoundCenter™ C-5, SoundSub™ RS-91A (RS-10A)

NOVA Five SoundSpot™ LI-1, SoundSub™ RS-91A (RS-10A)

BEAT Five SoundSpot™ BI-1, SoundSub™ RS-91A (RS-10A)

The SoundSpot™ Stereo Range

VIVACE Two SoundSpot™ SA-2, SoundSub™ RS-91P

TRIO Two SoundSpot™ SI-2, SoundSub™ RS-91P

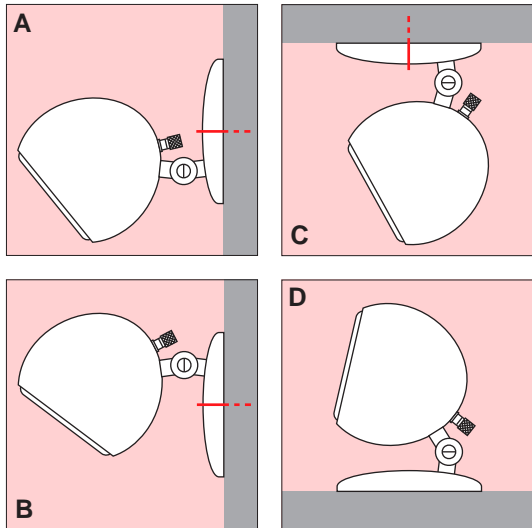
SoundSpot™

Thank you for choosing Morel's SoundSpot™. These award-winning speakers are unique in design and construction, offering extraordinary sound quality for both stereo and home theatre applications in an attractive design.

The SoundSpot™ speakers deliver a full and rich sound, but their size limits their ability to reproduce low-frequency bass notes, which require massive air movement. For a more full-bodied, dynamic sound across the entire frequency range, we recommend that you include Morel's subwoofer in your system.

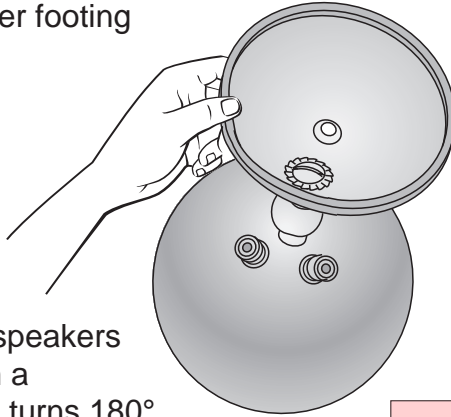
Speaker Placement

The SoundSpot™ speakers offer many installation possibilities - they can be wall-mounted (fig. A or B), hung from the ceiling (fig. C), placed on a shelf or TV top (fig. D), or fitted on the specially designed (optional) ST-90 or ST-95 floor stands (see p. 8).

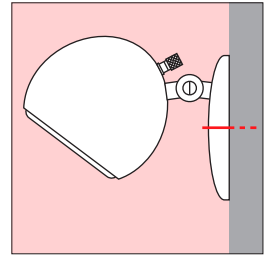
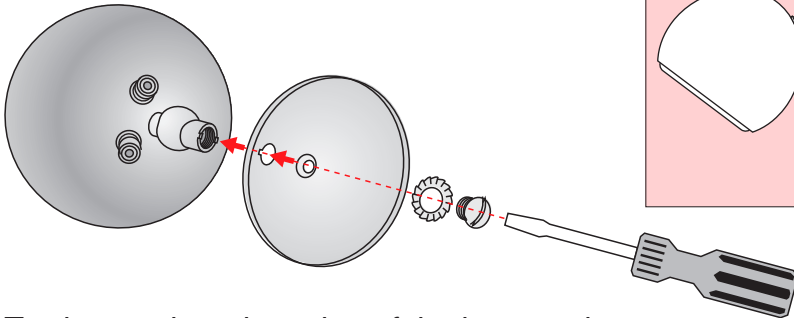


Mounting the SoundSpot™ Speakers

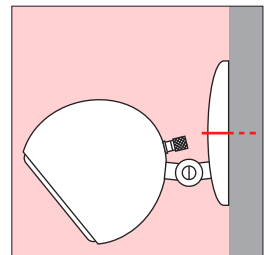
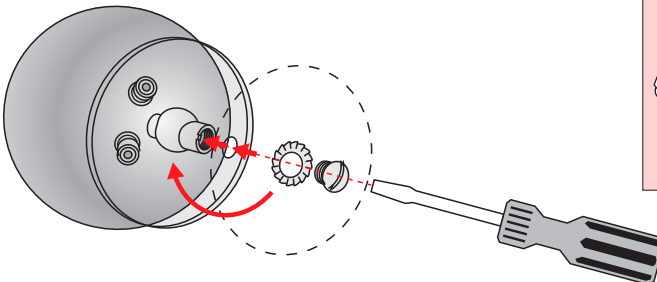
Snap on the rubber footing

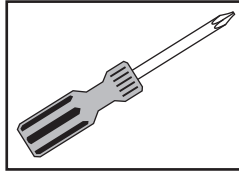
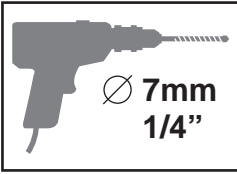


The SoundSpot™ speakers are equipped with a pivoting base that turns 180°.

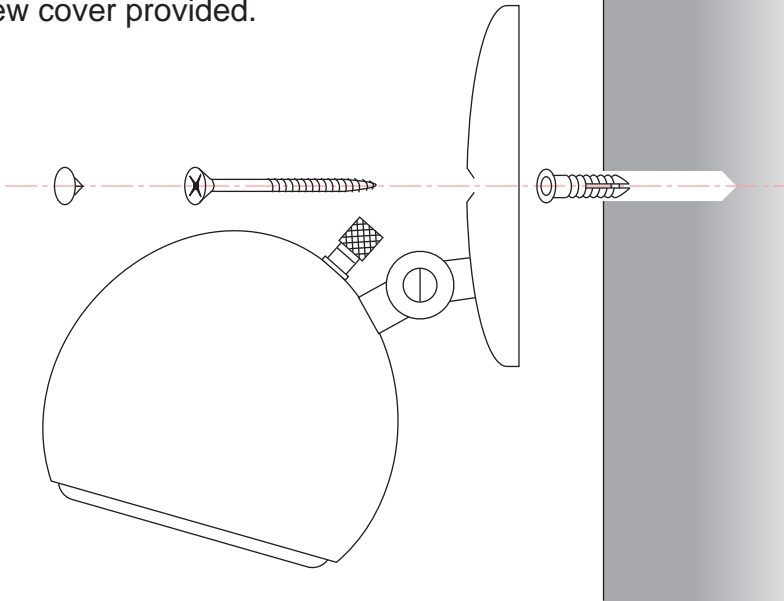


To change the orientation of the base, to best conceal the base in the selected mounting option, loosen the screw that locks the base position (located under the base), rotate the base a full 180° and firmly tighten the screw.





To mount your SoundSpot™ speaker on a ceiling or wall, first choose the location of the speaker and mark the precise spot where you will drill a hole to line up with the hole in the speaker base. Next drill a hole in the wall using a 7mm (1/4") bit, and insert the plastic plug. Attach the speaker using the fixing screw. Cover the screw head with the plastic screw cover provided.



Finally, adjust the speaker angle until the speaker is directed toward the listening area, and lock it in place.

To mount your SoundSpot™ speakers on the floor stand, see page 8.

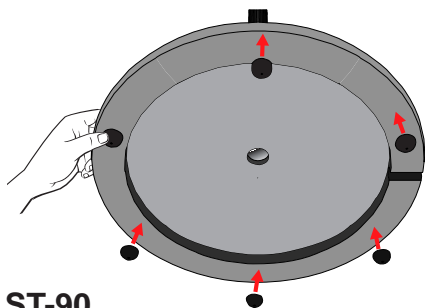
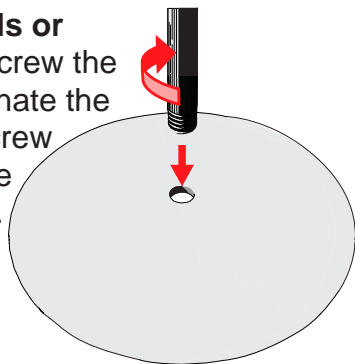
SoundSpot™ ST-90, ST-95

Installation Instructions (optional units)

ST-95

Carefully fasten the tapered tube to the base.

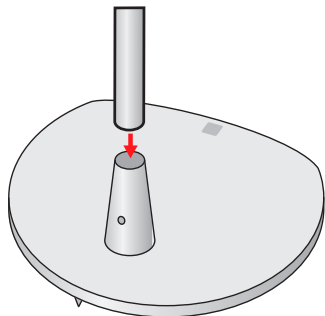
Make sure that the tube is perpendicular to the base. Do not use mechanical tools or excessive force. If you are unable to screw the tube completely into the base and eliminate the gap between the two parts, simply unscrew the tube and repeat the process with the tube positioned precisely perpendicular.



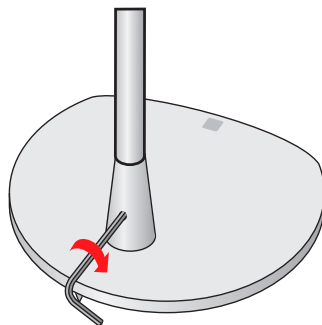
To protect delicate surfaces use the supplied rubber spikes and press them onto the stands in six different locations.

ST-90

Insert the tapered tube into the cone in the base.

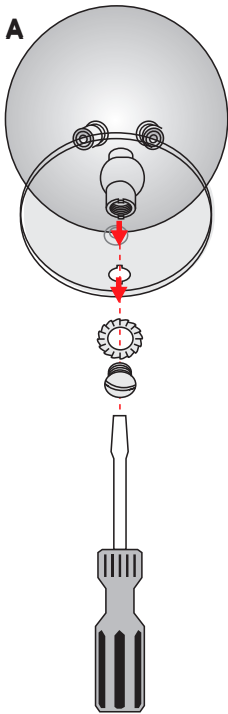
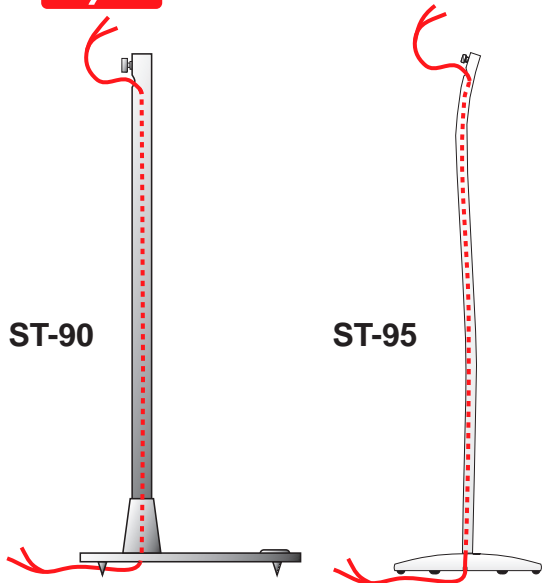


Next, fasten the screw tight with the supplied Allen wrench.

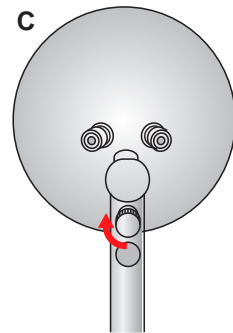
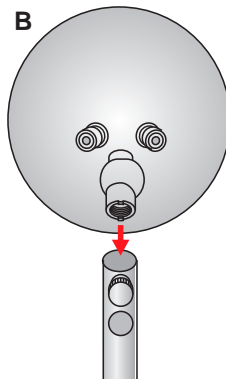


ST-90, ST-95

Slip the speaker cable through the hollow tube, and out of the opening near the top of the tube (under the bolt).



Finally, connect the speaker to the stand by removing the speaker base (fig. A) and inserting the exposed joint into the stand tube (fig. B). Secure the bolt (fig. C), locking the speaker to the stand.



To complete the setup, connect the speaker cable to the speaker's input terminals, following the installation instructions in your speaker manual.

Amplifier Connection



Unplug the electrical connection of the amplifier before making any connections.

For each speaker, connect the red or (+) output terminal on your amplifier to the red input terminal on the speaker and connect the black or (-) output terminal on the amplifier to the black input terminal on the speaker.

LARGE, SMALL Speaker Amplifier Setting

AC3, Dolby surround sound amplifiers have a speaker setting option for **large** or **small** speakers.

This setting option is made to protect small speakers by filtering low frequency signals, which may harm the speaker at high power output.

The following setting is needed for your speakers:

LI-1, BI-1 set to **small** speaker option.

All other speakers can be set to **large** speaker option.

Stereo Models

The SoundSpot™ SA-2, SI-2 and BI-2 stereo models are designed for direct connection to your amplifier and do not require a filtered output.

Regardless of your speaker setting or your amplifier's rated power capacity, **do not operate the speakers at full output levels (highest volume)**, as the high levels of distortion generated by amplifiers at full output may damage your speakers.

Caring for the SoundSpot™ Speakers

To protect the speaker components, avoid operating the speaker in extreme humidity or adverse temperature conditions.

SoundCenter™

Thank you for choosing Morel's SoundCenter™ C-5. This high performance center speaker is designed to provide a memorable home theater experience.

The center speaker plays a vital role in the home theater system, reproducing most of the front channel information in a movie soundtrack. Placed directly above or below the TV, the center speaker creates the central soundstage, positioning dialogue on the screen, just like in a commercial theater.

Speaker Placement

The SoundCenter™ C-5 speaker should be positioned as close to your TV screen as possible. The speaker is **magnetically shielded** to prevent screen distortions.

Amplifier Connection

Use an amplifier of at least 30 watts per channel. It is acceptable to use an amplifier with greater power output than the power handling capacity of your speakers.



Regardless of your amplifier's rated power capacity, **do not operate the speakers at full output levels (highest volume)**, as the high levels of distortion generated by amplifiers at full output **may damage your speakers**.



Unplug the electrical connection of the amplifier before making any connections.

Connect the red or (+) centre speaker output terminal of your amplifier to the red input terminal on the speaker, and connect the black or (-) centre speaker output terminal on the amplifier to the black input terminal on the speaker.

Caring for the SoundCenter™ Speakers

To protect the speaker's components, avoid operating the speaker in extreme humidity or adverse temperature conditions.

Protect you speaker from exposure to water.

SoundSub™

IS-9A, RS-91A, RS10A



Safety Instructions

Read The Instructions

Please read all safety and operating instructions carefully before using or connecting your SoundSub™ subwoofer.

Voltage Selector Switch

Before operating, adjust the position of the voltage selector switch to 115V or 230V, according to the power supply in your country.

Output Level

Before operating, set the output level to minimum.

Power Switch

Before plugging in the AC power cord, set the power switch to off.

Water and Moisture

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Service

Please do not attempt to service the appliance beyond the steps described within the operating instructions. All other servicing should be referred to a qualified service technician.

Thank you for choosing Morel's SoundSub™ Subwoofer.

The SoundSub™ RS-91A, RS10A and IS-9A are active subwoofers (IS-9A is built of two 9" woofers), driven by a high-quality amplifier that is AC-3 compatible. Designed to augment the SoundSpot™ satellite speakers in the low bass frequency range, the SoundSub™ will enhance any home theater system with a well-controlled, accurate bass.

Speaker Placement

In designing the subwoofer, we have made every effort to make it unobtrusive in the environment, by its slim cabinet design. Unlike surround or stereo speakers, which must be placed to project directly to the listeners' ears, the subwoofer moves all the air in the room and can be placed wherever convenient. The subwoofer can even be hidden behind the TV stand or next to any furniture.

Connecting The SoundSub™

1.1 Main Power switch

The new amplifier will have its main breaker switch at the bottom left corner, next to the power cord inlet. It consists of an ON/OFF switch.

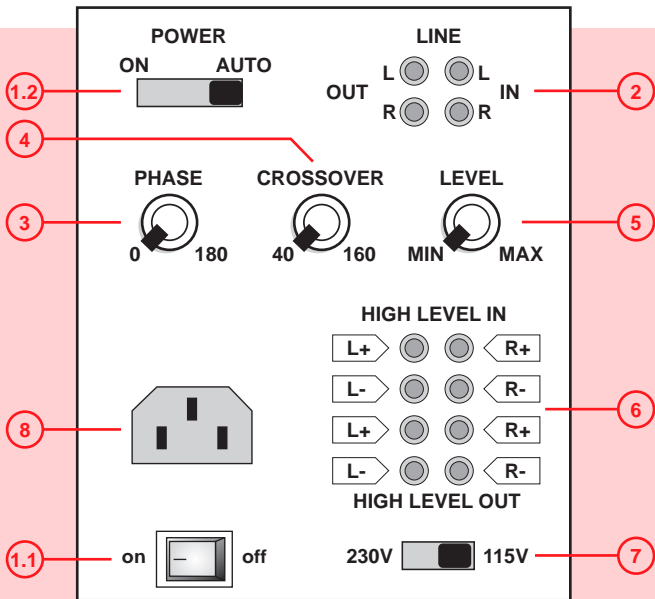
The main power switch has to be in the ON position in-order for the unit to become operational.

1.2 Auto power switch

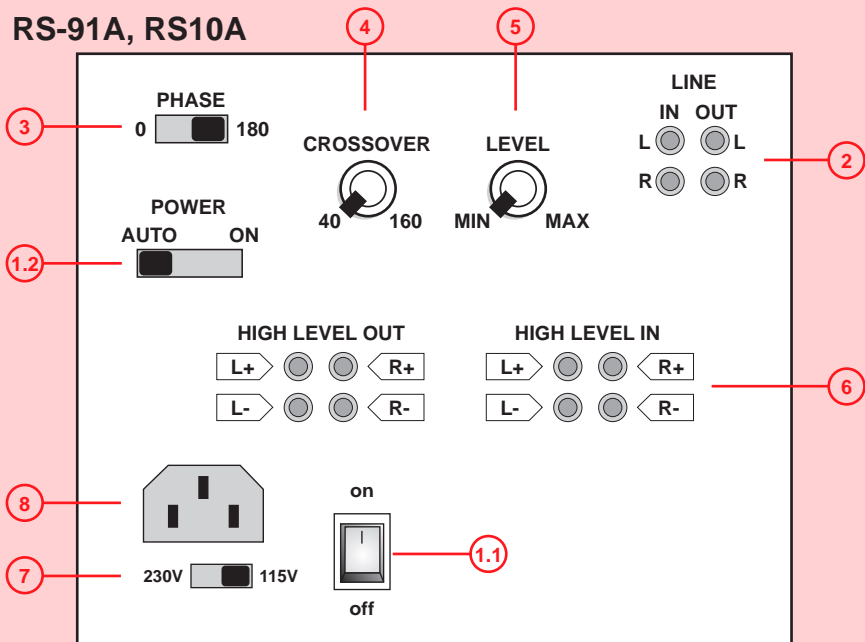
In the upper left there is a power switch. If AUTO position is selected, the sub will become operational as soon as the SoundSub™ will receive an audio signal. It will be turned off several minutes after the audio signal is switched off.

At the ON position the SoundSub™ will become operational indefinitely, or until the AUTO position is selected.

IS-9A



RS-91A, RS10A



2. RCA jacks

The input terminals connect to the subwoofer (line level) outputs of an amplifier. The output terminals provide an input bypass for connection to a second subwoofer, or any other purpose.

3. PHASE control

The phase control allows phase adjusting of the subwoofer to match that of the other speakers in your home theater system. With the system turned on, turn the phase control first to one extreme then to the other, and leave it in the position at which the bass level in your room sounds strongest and deepest.

4. CROSSOVER control

The crossover control determines the range of frequencies your subwoofer will reproduce. When turned to 40Hz, the subwoofer will only issue the lowest bass frequencies. As you turn the knob towards 160Hz, the subwoofer will reproduce a wider frequency range. When the crossover control is adjusted correctly, the subwoofer, together with the other speakers in your system, reproduces the entire range of bass.

5. LEVEL control

The level control adjusts the sound level of your subwoofer. Set to provide the required level of bass relative to the sound reproduced by the other speakers in the system. The sound level reproduced by the subwoofer will change as you modify the volume control setting on your amplifier, maintaining the relative level set by this control.

6. BINDING POST terminals

These are input terminals for connection to the high-level outputs of an amplifier (parallel to the front speaker connection). Output terminals provide a filtered output to surround speakers. See the Connection Guidelines for details.

7. VOLTAGE SELECTOR switch

Before operating, adjust the position of the voltage selector switch to 115V or 230V, according to the power supply in your country.

8. AC outlet

Power supplied through this outlet is turned on and off by the POWER switch.

Connection Guidelines



Before making connections it is advisable to ensure that all AC power cords of the components you are interconnecting are unplugged from the wall outlets during the hookup process.

Connection Through the Line-Level (RCA) Inputs

Use this connection option if your amplifier has a low frequency exit (LFE) subwoofer output, or pre-amp outputs (all AC3 or Dolby Surround amplifiers have such an output). Connect the two LFE (or PRE OUT) outputs (for left and right channels), to the two LINE IN inputs in your SoundSub™, using an RCA (interconnect) cable pair.

If your amplifier has only a single subwoofer output, then connect this output from your amplifier to just one of the LINE IN inputs in your SoundSub™.

Connection Through the High-Level (BINDING POST) Inputs

Use this connection option if your amplifier does not have an LFE output (this is the case, for instance, if you are using a Prologic or hi-fi amplifier). Using a speaker cable: connect the red or (+) right speaker output terminal of your amplifier to the R+ terminal on your subwoofer, and connect the black or (-) right speaker output terminal on the amplifier to the R- terminal on the subwoofer. Repeat the process for the left speaker, connecting the red or (+) left speaker output terminal

of your amplifier to the L+ terminal on your subwoofer, and the black or (-) left speaker output terminal on the amplifier to the L- terminal on the subwoofer. Your subwoofer should now be connected in parallel to your front or stereo speakers.

Using the Line-Level (RCA) Outputs

The line-level output terminals provide an output bypass from your subwoofer. Use these outputs to connect another subwoofer in parallel to the SoundSub™, or for other purposes.

Using the High Level (BINDING POST) Outputs

The high level output terminals offer a filtered output for satellite speakers. The filtered output is clear of low frequency signals, thus protecting the satellite speakers from overloading that may damage them. Note that Morel's SoundSpot™ speakers do not require these exits, and should be connected directly to your amplifier for optimal sound quality (See page 8 for amplifier connection).

SoundSub™ RS 91-P

Thank you for choosing Morel's SoundSub™ Subwoofer.

The SoundSub™ RS 91-P are passive subwoofers, designed to complement your system in the low bass range, reproducing frequencies below 200 Hz. They are ideal for complementing a stereo system with small speakers, or satellite speakers that are incapable of reproducing the low frequency notes due to their size.

The deep, dynamic bass reproduced by the SoundSub™ subwoofers adds an important dimension to the listening experience, elevating the level of realism and boosting the listener's emotional involvement.

Speaker Placement

The optimal location for the SoundSub™ subwoofers is in front of the listener, in between the two stereo speakers. The SoundSub™ can also be placed to the side of the listener, but caution is required, as moving the subwoofer too far back may impair the stereo imaging and acoustical balance of the system.

For optimal performance, we recommend you position the subwoofer so that it is at least 10 cm (4") from the wall behind it. The speaker will sound better if not positioned in a corner.

Amplifier Connection



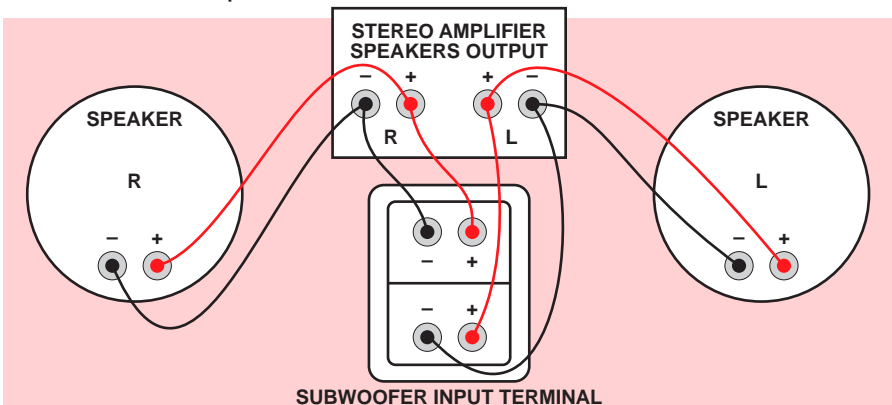
Before making connections it is advisable to ensure that all AC power cords of the components you are interconnecting are unplugged from the wall outlets during the hookup process.

The back panel of the SoundSub™ subwoofer offers two pairs of inputs, coloured red and black, respectively. Connect the subwoofer to both stereo channels, using the top pair for one channel and the lower pair for the second channel:

Connect the red or (+) right speaker output terminal of your amplifier to the top red terminal on your subwoofer, and connect the black or (-) right speaker output terminal on the amplifier to the top black terminal on the subwoofer.

Repeat the process for the left speaker, connecting the red or (+) left speaker output terminal of your amplifier to the lower red terminal on your subwoofer, and the black or (-) left speaker output terminal on the amplifier to the lower black terminal on the subwoofer.

Your subwoofer should now be connected in parallel to your front or stereo speakers.



A second option, although we do not recommend it, is to connect the stereo speakers to the subwoofer instead of to the amplifier, making sure to make consistent right and left channel connections.

Caring for Your SoundSub™ Subwoofers

To assure long-lasting enjoyment from your subwoofers, we recommend that you follow a few guidelines, which are appropriate for every speaker system:

Do not increase the volume beyond the capabilities of your amplifier. Setting the volume to levels that your amplifier cannot sustain will result in clipping that produces audible sound distortion and may damage the speakers.

Note that a weaker amplifier can potentially cause more damage to speakers than amplifiers with a high-power rating. If you intend to listen to music at high volume levels, ensure that the output power of your amplifier is at least as high as the capacity of your speakers.



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